

SOUTHWEST CENTER FOR ADVANCED STUDIES

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Al Mitchell, Director of
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SIX CONTRACT/GRANT EXTENSIONS, TWO NEW GRANTS TOTAL \$426,390
IN ADDED FUNDING FOR SCAS/UTD RESEARCH

Contract and grant extensions of August, plus two new grants, will provide \$426,390 in added research funding for The University of Texas at Dallas.

The new funding was announced today by the Southwest Center for Advanced Studies, which officially becomes UTD next Monday, Sept. 1.

Largest single modification, among eight extensions, provides \$90,000 for the cold cathode gauge experiment developed under direction of Acting President Francis S. Johnson and scheduled to be taken to the Moon's surface by Apollo 12 Astronauts. Total funding for the experiment, which will measure the Moon's thin atmosphere, is now \$453,400.

IMP (Interplanetary Monitoring Platform) experiments, in which Asst. Profs. Ricardo A. R. Palmeira and Frank R. Allum are principal investigators, received \$75,000 additional funding, for a total of \$876,046. The IMP spacecraft family was used to monitor radiation danger to the Apollo 11 Astronauts as they walked on the Moon's surface.

Two increases of \$45,000 each were made in data analysis programs for the Pioneer series of experiments. Asst. Prof. Robert P. Bukata is principal investigator. The fifth SCAS/UTD Pioneer flight (Pioneer 10) is scheduled for launch this week (Wednesday, Aug. 27) from Cape Kennedy. An additional grant of \$13,700 for the flight program brings its total funding, since 1965, to \$1,447,470.

Another major extension added \$80,000 to a program for measurement of positive ions in the Earth's ionosphere, from a topside satellite. Assoc. Prof. John H. Hoffman

is the principal investigator. Total program funding was increased to \$453,400.
spectrometer

A soft-particle/for the U. S.-Canadian ISIS (International Satellite for Ionospheric Studies) program received additional funding of \$32,690. Prof. Walter J. Heikkila is principal investigator.

A new grant award for a study of rock magnetism using samples from Turkey and Arabia was made to Dr. Peter J. Burek, post doctoral research associate in Geosciences Division. The \$15,000 award was made by National Science Foundation.

All other funding was by the National Aeronautics and Space Administration, including its branches, Goddard Space Flight Center, Ames Research Center, and Manned Spacecraft Center, with exception of two awards from the National Academy of Sciences Day Fund. These will cover co-operative work with foreign scientists in space and geosciences programs.